

Midterm Overview

January 11, 2018 9:03 AM

Rational #s - 26

Ch 2

- fractions + - \times \div
- decimals
- radicals $\sqrt{\quad}$
- putting in order (number line)

Exponents - 23

ch 3

- laws
 - $7^0 = 1$
 - $x^3 x^7 = x^{10}$, $\frac{x^7}{x^3} = x^4$, $(x^7)^3 = x^{21}$
 - $(-3)^2 = 9$, $-3^2 = -9$

Polynomials - 22

Ch 5, 7

- vocabulary - monomial, binomial ...
- +, -, \times , \div
- algebra tiles

$$\begin{array}{c|cc} & (x-1) & \\ \hline & \boxed{+} & \boxed{-} \\ \hline x & \boxed{+} & \boxed{-x} \\ \hline & \boxed{+x^2} & \boxed{-x} \end{array} = x^2 - x$$

Surface Area - 4

- Know $A_{\text{rectangle}} = l \cdot w$

20 marks non-calculator \rightarrow 1st 30 minutes

55 marks calculator \rightarrow stay until 10:30 at least